

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Patent Application of
Antonio M. Goncalves, Ph.D.

Attorney Docket:
6056-316 CT1 (189230)

Serial No. Not Yet Assigned

Group Art Unit: Not Yet Assigned

Filed: Herewith

Examiner: Not Yet Assigned

For: AUTOMATED SYSTEM FOR HIGH-
THROUGHPUT ELECTROPHORETIC
SEPARATIONS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, references are identified herein and on the accompanying Form PTO-1449. Copies of the non-US patent references and non-patent references are being provided.

This Information Disclosure Statement is being filed concurrently with the above-referenced application. No certification, petition, or fee are required. 37 C.F.R. §1.97(b)(3).

<p style="text-align: center;">CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.10</p> <p>EXPRESS MAIL Mailing Label Number: _____ Date of Deposit: _____</p> <p>I hereby certify that this paper, along with any paper referred to as being attached or enclosed, and/or fee is being deposited with the United States Postal Service, "EXPRESS MAIL - POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10, on the date indicated above, and is addressed to: Commissioner for Patents, Washington, D.C. 20231.</p> <p>_____ Signature of person mailing paper</p> <p><u>Laura M. McNeely</u> Type or print name of person</p>
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U.S. Patents

3,062,731	4,414,073	5,106,477	5,582,702	5,989,400
3,674,678	4,415,418	5,147,522	5,637,202	6,027,628
3,715,295	4,693,804	5,190,629	5,637,203	6,036,831
3,751,357	4,699,680	5,228,970	5,709,788	6,093,296
3,865,712	4,735,697	5,411,657	5,736,022	6,123,821
3,984,298	4,741,814	5,441,104	5,827,418	6,193,868
4,101,401	4,874,490	5,458,760	5,858,189	6,245,206
4,111,784	4,892,639	5,464,521	5,865,974	2001/0037940
4,146,454	4,966,792	5,472,589	5,865,975	6,368,481
4,207,166	5,066,377	5,543,023	5,888,369	6,374,684
4,391,688	5,068,019	5,569,369	5,972,188	6,375,899
				6,379,516

Foreign Patents

EP 0134622

JP 360154150

Other Documents

"Chemoelectronic Mobilization of Chemical Species in Low-Conductivity Fluids: New Electrokinetic Effect" by Norman Haber, Proc.Natl.Acad.Sci. USA, Vol. 79, pp. 272-276, January 1982.

"Electromolecular Propulsion (EMP): A Rapid, Simple Method for Analyzing Dyes Used in Microscopy", Norman Haber, Biotechnic & Histochemistry, Williams & Wilkins, Vol. 73, No. 2, pp. 59-69, Feb. 3, 1998.

The Examiner is respectfully requested to review the references identified herein and make them of record in the instant application as required by M.P.E.P. §609.

The references listed in this IDS comprises the most pertinent prior art known to applicant and its attorneys as of the date hereof. This IDS should not be

construed as a representation that the cited references are material or that no better art exists.

It is requested that the Examiner initial the enclosed duplicate substitute PTO Form 1449, and return one copy to Applicants' undersigned representative with the next action.

Respectfully submitted,

ANTONIO M. GONCALVES, PH. D.

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Attorney for Applicant

SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION	ATTY. DOCKET NO. 6056-316 CT1 (189230)	SERIAL NO. Not Yet Assigned
	APPLICANT: Antonio M. Goncalves, Ph.D.	
	FILING DATE Herewith	GROUP Not Yet Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	AA	3,062,731	11/1962	E.L. Durrum			
	AB	3,674,678	07/1972	Post, Jr. et al.			
	AC	3,715,295	02/1973	Tocci			
	AD	3,751,357	08/1973	S.D. Rains			
	AE	3,865,712	02/1975	Davies			
	AF	3,984,298	10/1976	Haber			
	AG	4,101,401	07/1978	Hoefer			
	AH	4,111,784	09/1978	Dahms			
	AI	4,146,454	03/1979	Haber			
	AJ	4,207,166	06/1980	Dahms			
	AK	4,391,688	07/1983	Hamelin			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	AL	EP 0134622	05/1984	Europe				
	AM	JP360154150	08/1985	Japan			ABSTRACT	
	AN							
	AO							
	AP							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	"Chemoelectronic Mobilization of Chemical Species in Low-Conductivity Fluids: New Electrokinetic Effect," Norman Haber, Proc.Natl. Acad.Sci. USA, Vol 79, pp. 272-276, January 1982
AS	"Electromolecular Propulsion (EMP): A Rapid, Simple Method for Analyzing Dyes Used in Microscopy," Norman Haber, BIOTECHNIC & HISTOCHEMISTRY, Williams & Wilkins, Vol. 73, No. 2, pp. 59-69, Feb. 3, 1998
AT	
EXAMINER	
DATE CONSIDERED	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	BA	4,414,073	11/1983	Iwata et al.			
	BB	4,415,418	11/1983	Turre et al.			
	BC	4,693,804	09/1987	Serwer			
	BD	4,699,680	10/1987	Shiraishi et al.			
	BE	4,735,697	04/1988	Burton			
	BF	4,741,814	05/1988	Mayes et al.			
	BG	4,874,490	10/1989	Hochstrasser			
	BH	4,892,639	01/1990	Sarrine et al.			
	BI	4,966,792	10/1990	Teraï et al.			
	BJ	5,066,377	11/1991	Rosenbaum et al.			
	BK	5,068,019	11/1991	Yoshida et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	BL							
	BM							
	BN							
	BO							
	BP							

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	CA	5,106,477	04/1992	Coleman			
	CB	5,147,522	09/1992	Sarrine			
	CC	5,190,629	03/1993	Sugihara et al.			
	CD	5,228,970	07/1993	Foley			
	CE	5,411,657	05/1995	Leka			
	CF	5,441,104	08/1995	Ehr et al.			
	CG	5,458,760	10/1995	Kozulic			
	CH	5,464,521	11/1995	Bellon			
	CI	5,472,589	12/1995	Jacobs			
	CJ	5,543,023	08/1996	Lugojan			
	CK	5,569,369	10/1996	Leffler et al.			

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							YES	NO
	CL							
	CM							
	CN							
	CO							
	CP							

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	DA	5,582,702	12/1996	Cabilly et al.			
	DB	5,637,202	06/1997	Harrington et al.			
	DC	5,637,203	06/1997	Sarrine			
	DD	5,709,788	01/1998	Chen			
	DE	5,736,022	04/1998	Axelsson			
	DF	5,827,418	10/1998	Haven et al.			
	DG	5,858,189	01/1999	Williams			
	DH	5,865,974	02/1999	Cabilly et al.			
	DI	5,865,975	02/1999	Bishop			
	DJ	5,888,369	03/1999	Tippins et al.			
	DK	5,972,188	10/1999	Rice et al.			

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							YES	NO
	DL							
	DM							
	DN							
	DO							
	DP							

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	EA	5,989,400	11/1999	Islam			
	EB	6,027,628	02/2000	Yamamura et al.			
	EC	6,036,831	03/2000	Bishop			
	ED	6,093,296	07/2000	Soane et al.			
	EE	6,123,821	09/2000	Anderson et al.			
	EF	6,193,868	02/2001	Hsu			
	EG	6,245,206	06/2001	Anderson et al.			
	EH	2001/0037940	11/2001	Shih et al.			
	EI	6,368,481	04/2002	Sowa et al.			
	EJ	6,374,684	04/2002	Dority			
	EK	6,375,899	04/2002	Ackley et al.			
	EL	6,379,516	04/2002	Cabilly et al.			

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	DN							
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